

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-9 (canceled).

10. (currently amended) A sensor comprising a basic body, a sensor element for converting and/or transmitting measured variables, and a receiving element having a base portion in direct contact with the sensor element and a tip portion, the tip portion has an end face wherein only the end face of the tip portion ~~which~~ directly contacts a medium whose variables are to be measured.

11. (previously presented) The sensor as claimed in claim 10, wherein different receiving elements can be exchanged in the sensor element.

12. (previously presented) The sensor as claimed in claim 10, including a plurality of receiving elements wherein the receiving elements can be exchanged in the sensor element.

13. (previously presented) The sensor as claimed in claim 10, wherein the sensor element is permanently connected to the receiving element.

14. (previously presented) The sensor as claimed in claim 12, wherein the plurality of exchangeable receiving elements have various cross-sectional shapes and/or cross-sectional surfaces for installation in corresponding cutouts in the sensor element.

15. (previously presented) The sensor as claimed in claim 10, wherein the sensor element is detachably connected to the basic body.

16. (previously presented) The sensor as claimed in claim 15, wherein different sensor elements can be assigned to the basic body.

17. (previously presented) The sensor as claimed in claim 10, wherein the receiving element is a pressure and/or force transmitting element.

18. (previously presented) The sensor as claimed in claim 10, wherein the receiving element is a temperature transmitting element.

19. (new) The sensor as claimed in claim 11, wherein the base portion of the receiving element has means for removably securing the receiving element to the sensor element.